MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY, 1927

J. A. BROWN, DIRECTOR

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JULY 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	754.6	754.7	754.8	754.7	32.7	24.4		12.3	
2	4.6	4.7	4.6	754.6	32.2	23.9		13.1	
3	4.7	4.4	4.5	754.5	31.9	21.4		13.4	
4	4.2	4.0	3.7	754.0	31.7	21.1		13.2	
5	3.2	2.8	2.9	753.0	32.2	21.7		12.5	
6	753.3	53.6	754.3	753.7	33.3	22.2		11.6	
7	4.8	5.1	5.8	755.2	32.1	25.2		12.1	
8	5.4	5.6	5.4	755.5	30.9	25.1		11.7	
9	5.1	5.0	5.8	755.3	31.6	23.8		13.0	
10	6.2	6.2	5.9	756.1	32.5	24.3		13.1	
11	755.6	754.3	753.4	754.4	32.8	25.4		12.5	
12	1.5	1.2	1.6	751.4	32.0	26.9		12.8	
13	3.2	4.0	4.6	753.9	32.0	25.4		12.8	
14	6.2	6.4	6.5	756.4	32.2	24.1		13.0	
15	5.8	5.1	4.8	755.2	31.2	24.3		13.2	
16	755.5	755.3	755.3	755.4	30.6	24.5		11.9	
17	6.0	6.0	6.5	756.2	31.8	24.4		13.2	
18	6.3	6.1	6.0	756.1	32.7	24.6		13.1	
19	4.9	3.7	3.1	753.9	32.7	25.8		13.1	
20	1.6	1.6	2.3	751.8	33.2	26.1		12.7	
21	754.1	753.6	754.2	754.0	32.4	25.3		12.9	
22	3.4	3.1	2.8	753 1	32.1	24.7		12.9	
23	2.9	3.0	3.2	753 0	32.2	24.7		12.7	
24	3.0	3 0	3.2	753.1	32.2	24.4		12.9	
25	3.0	3.0	2.9	753.0	33.2	24.2		13.2	
26	752.9	752.8	752.8	752.8	31.9	24.9		12.9	
27	1.8	1.3	1.0	751.4	32.2	23.3		12.5	
28	1.4	1.4	2.6	751.8	32.5	25.0		12.7	
29	4.1	4.6	4.8	754.5	32.7	25.4		12.7	
30	5.6	5.6	6.9	756.0	31.7	23.4		12.9	
31	6.0	5.9	6.5	756.1	32.0	23.4		12.9	
	754.22	754.10	754.28	754.20	32.17	24.33		12.76	

BAROMETER

Maximum 756.9 on 30th

Minimum 751.0 on 27th

THERMOMETER

Maximum 33.3 on 6th

Minimum 21.1 on 4th

RAINFALL

Maximum on

Number of days with rain 0, thunderstorms 0, gales 0.

JULY 1927

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	28.3	31.6	27.0	29.0	25.2	27.0	25.2	21.5	22.5	22.1	22.0	78	63	84	75
2	29.4	30.8	26.7	29.0	25.0	25.9	21.5	19.9	20.7	15.3	18.6	64	62	58	61
3	29.4	30.9	27.5	29.3	23.3	25.0	22.8	16.8	18.7	17.0	17.5	55	56	62	58
4	29.4	31.2	26.7	29.1	24.7	26.2	23.7	19.2	20.8	19.4	19.8	63	60	74	65
5	28.8	32.0	26.7	29.2	25.6	27.5	24.3	21.4	22.1	20.5	21.3	72	63	79	71
6	29.4	31.6	27.4	29.5	26.0	27.7	24.7	22.0	22.1	20.8	21.6	71	65	76	70
7	29.3	31.1	27.1	29.2	24.3	25.0	23.4	18.7	18.7	18.3	18.6	62	55	68	62
8	28.9	29.9	26.3	28.4	24.4	24.5	23.3	19.0	18.5	18.8	18.8	64	58	74	65
9	29.1	30.9	26.4	28.8	24.3	25.4	23.6	18.7	19.5	19.2	19.1	62	58	75	65
10	30.1	31.6	27.8	29.8	22.8	25.5	24.6	15.4	19.2	20.3	18.3	48	55	73	59
11	30.8	32.2	29.3	30.8	24.6	27.3	24.5	18.1	21.0	19.0	19.4	54	57	62	58
12	29.9	31.6	27.2	29.6	25.1	26.7	23.9	19.6	21.6	19.4	20.2	61	61	72	65
13	29.8	31.1	27.1	29.3	24.3	25.6	24.2	18.3	19.7	19.9	19.3	58	58	76	64
14	29.3	31.6	26.7	29.2	24.9	26.4	23.9	19.8	21.0	19.7	20.2	66	60	75	67
15	28.8	30.5	26.6	28.6	25.0	25.4	23.9	20.2	19.9	19.8	20.0	68	60	76	68
16	28.2	30.4	26.9	28.5	23.9	24.7	23.8	18.6	18.3	19.3	18.7	65	57	73	65
17	29.3	31.4	27.3	29.3	25.3	26.1	24.4	20.6	20.5	20.3	20.5	67	59	76	67
18	29.8	31.9	27.4	29.7	25.7	26.5	25.0	21.0	21.0	21.4	21.1	66	59	78	68
19	30.2	32.2	27.6	30.0	26.1	27.2	25.0	21.6	22.1	21.2	21.6	67	63	77	69
20	29.3	32.2	27.6	29.7	25.6	27.2	24.8	21.1	22.1	21.0	21.4	69	63	77	70
21	30.0	32.1	27.8	30.0	24.4	26.2	23.9	18.3	20.2	18.9	19.1	58	56	68	61
22	29.4	31.4	27.3	29.4	23.8	25.1	24.3	17.3	18.5	20.0	18.6	55	53	75	61
23	29.3	32.0	27.1	29.5	23.8	25.4	23.9	17.7	18.8	19.4	18.6	57	53	73	61
24	28.9	31.7	27.2	29.3	25.0	26.1	24.9	20.2	20.3	21.1	20.5	68	58	78	68
25	29.3	32.7	27.7	29.9	25.5	26.7	25.0	21.0	20.8	21.1	21.0	69	56	76	67
26	29.0	31.6	27.2	29.3	24.3	25.6	24.0	18.8	19.3	19.5	19.2	63	55	73	64
27	28.8	31.5	27.2	29.3	24.2	25.7	23.6	18.7	19.6	18.7	19.0	63	57	70	63
28	29.9	32.2	27.5	29.9	25.4	26.1	24.9	20.3	20.0	21.1	20.5	64	56	77	66
29	29.9	31.6	27.5	29.7	25.0	25.7	23.9	19.5	19.6	19.0	19.4	61	56	70	62
30	28.8	31.4	26.9	29.0	24.3	25.4	22.6	18.9	19.2	17.1	18.4	63	55	64	61
31	29.4	31.2	26.7	29.1	22.5	24.4	23.1	15.4	17.5	18.2	17.0	51	52	69	57
	29.36	31.49	27.21	29.36	24.65	25.97	24.20	19.28	20.13	19.60	19.65	62.97	58.00	72.70	64.60

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1927

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	2st.cu	0	.7	5	4w	1	203.2	calm	
2	0	1	0	.3	2	2n	0	148.2	,,	
3	0	0	0	0.0	1nw	2nw	1	202.4	,,	
4	0	0	0	0.0	1w	1nw	0	100.9	,,	
5	0	1	0	.3	3w	1w	0	174.4	,,	hv.d.in mor.
6	1	0	0	.3	5	6	0	207.9	slight	
7	2	1	2	1.7	6w	6	4	314.1	,,	
8	2	2	1	1.7	4w	6w	0	193.1	v. slight	
9	0	1	0	.3	2w	3w	0	78.1	calm	
10	0	0	0	0.0	1nw	1se	2se	98.4	,,	
11	0	1	0	.3	3	4	2	191.2	,,	
12	0	6	0	2.0	8	7w	5	410.5	rough	str. nt.& day
13	1	4	0	1.7	4	3	1	284.9	slight	fog
14	1	2	0	1.0	5w	3w	1se	223.2	,,	
15	0	1	1	.7	1w	1nw	0	150.2	calm	
16	2	1	0	1.0	1nw	2w	0	140.3	,,	
17	3	1	0	1.3	1	2w	1	93.5	,,	
18	2	1	0	1.0	1	3w	1	163.6	v. slight	
19	2	3	1	2.0	2w	3	1	134.4	calm	
20	2	2	1	1.7	7	6	8	114.4	slight	
21	1	3	7str.cu	3.7	4	5	2	336.6	v. slight	
22	1	4	1	2.0	4	3	1	313.5	,,	
23	2	3	1	2.0	4nw	2	0	257.5	calm	
24	0	2	0	.7	2w	4nw	0	107.3	,,	
25	1	1	1	1.0	3nw	1nw	1w	185.0	,,	
26	0	1stratus	0	.3	2	2w	0	288.9	v. slight	
27	1	1str.cu	0	.7	1	2	1	209.1	calm	
28	1	2	0	1.0	1	2	1	313.5	,,	
29	1	2tsr.cu	0	1.0	1	1	0	234.4	v. slight	mist in mor.
30	0	1str.cu	0	.3	2	1	0	145.6	,,	
31	1str.cu	2str.cu	0	1.0	1	1	1	205.7	calm	
				1.02				200.8		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	17	9	5	0
2:30	1	0	0	1	0	14	10	5	0
8.30	0	0	0	2	0	15	1	0	13
Totals	1	0	0	3	0	46	20	10	13

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw,